

IN RE: ABRAMS November 1992

Westinghouse
Electric Corporation

February 23, 1989

Mr. John A. Jurgiel, CIH
John A. Jurgiel & Associates, Inc.
Industrial Hygiene Consultants
1810 Craig Road, Suite 207
St. Louis, MO 63146

Dear Mr Jurgiel:

This letter is a follow up to our telephone conversation of February 22, 1989 in which I requested additional information from your initial asbestos survey conducted on January 12, 1989 at the Westinghouse St. Louis plant located at 1525 S. Vandeventer Road. I have enclosed our consultant generic Scope of Work for asbestos-containing material assessment projects. My request for additional information is relative to Phase I (complete) and Phase III dealing with bulk material sample analyses and qualification of the surveyor. I am particularly interested in your opinion on the condition and quantity of the asbestos so that we can determine what, if any, abatement activities need to be considered now and in the near future. Please call me if my request needs further clarification (412-642-3914). Thank you for your assistance in this matter.

Sincerely yours,

Mark A. Perriello

Mark A. Perriello, CIH
Senior Engineer
Industrial Hygiene
Environmental Affairs

cc: Joseph Quattrochi - Westinghouse St. Louis Distribution Center

bc: Jim Bearden - Westinghouse Bldg., Room 1628
Wayne Bickerstaff - Westinghouse Bldg., Room 1612
Larry Kuhnenn - Westinghouse Bldg., Room 1101

1727v



File
St Louis
DEL

Westinghouse Building
Gateway Center
Pittsburgh, Pennsylvania 15221

NWBB-0002954

*March 1989
Mr. Keyes*

*Does not want
to go further on any
assessment. He will
have the site rechecked
only, look down, etc.*

He's decision to spend money or not.

MAJ



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SCOPE OF WORK ON ASBESTOS ASSESSMENT
FOR
WESTINGHOUSE ST. LOUIS

HHBB-0002956

The scope of services to be provided by engineering consultant includes but is not limited to the following:

After successfully reviewing and agreeing with Westinghouse Terms & Conditions for consultants, the consultant will proceed as follows with Phase I:

Phase I.

- o Make a walk-through survey of the facility and collect bulks in accordance with phase III which have not been defined in the documented sources. The survey shall include assessment of suspected non-friable asbestos containing material (ACM) and friable, accessible ACM.
- o Summarize the total square footage or linear footage of ACM where appropriate for each building, area or room, type, and condition of ACM present.
- o Prepare a cost estimate report detailing the location, condition, and amount of ACM present for a) removal and replacement of all ACM present and b) the removal, and replacement of only friable ACM that are accessible of each type of ACM per area described above. After phase I completion and upon approval from the Westinghouse site representative, phase II, III, and IV may be executed.

Phase II.

- o Prepare any required permit application and notifications including variance requests. These must be reviewed and approved by Westinghouse Environmental Affairs before submittal.
- o Prepare the specification package for the contractor including bid documents, technical specs, drawing package, if necessary, and clearance criteria. Clearance criteria shall be consistent with Federal, State, and local authority, but as a minimum the clearance air level to release contractor shall not exceed 0.01 fiber/cc with a detection limit of 0.005 fiber/cc by phase contrast microscopy (NIOSH 7400 method).

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- o Procure the contractor bids and assist in contractor selection. Final contractor selection is to be reviewed and approved by Westinghouse Industrial Hygiene.

Phase III.

- o Provide project management/contract administration and on-site monitoring and inspection services (pre-abatement through satisfactory clearance samples).
- o The analysis of all bulk material samples shall be performed by a laboratory rated as proficient by the US Environmental Protection Agency Bulk Asbestos Sample Quality Assurance Program. The analysis of all air samples shall be performed by a laboratory accredited by the American Industrial Hygiene Association. The laboratory of first choice for the analysis of bulk or air samples shall be Clayton Environmental Consultants, Inc.
- o A Certified Industrial Hygienist with experience in asbestos abatement projects and knowledge of the EPA AHERA rules shall provide project oversight and quality assurance of all work performed.
- o All written reports shall contain a sign-off by the oversight Certified Industrial Hygienist to be presented first in draft form for review purposes before final documents are issued.
- o Four copies of all documents will be presented to our Westinghouse representative. One copy of the documents is to be sent to Westinghouse Industrial Hygiene. A final compliance report prepared by the consultant is to be issued at the end of the project and includes data compiled during the project (daily log, sample results) as well as asbestos waste manifests and "as-built" floor plans detailing where any asbestos materials had to be left behind.
- o All work is to be performed in compliance with the current, applicable EPA, OSHA, DOT regulations, state and local laws.

Phase IV.

- o The Consultant will handle contractor bidding for transportation and disposal, and develop and collect documentation to substantiate compliance with asbestos waste regulations. Selection of permitted landfill will be approved by Westinghouse Environmental Affairs.

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